Background of the Invention--

```
At page 1, line 9, after "as", insert --a--.
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At page 3, line 6, before "The present", insert

--Summary of the Invention--.

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At page 3, line 6, delete "thus".
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At page 3, line 21, after "Fig. 4", insert --(SEQ ID NO: 4)--.

✓At page 3, line 27, after "sequence", insert --(SEQ ID NO: 6)--.

At page 4, line 10, after "decamer primer", insert --(SEQ ID NO: 5)--.

At page 5, line 3, after "Fig. 4", insert --; SEQ ID NO: 4--.

At page 6, lines 9-10, replace ", functional variant" with -- "functional variant"--.

At page 6, line 14, after "Fig. 4", insert --(SEQ ID NO: 4)--.

At page 6, line 16, after "Fig. 4", insert --(SEQ ID NO: 4)--.

At page 7, line 15, after "1-3", insert --(SEQ ID NOS: 1-3)--.

At page 7, line 25, replace "probe" with --probes--.

At page 7, line 32, after "1-3", insert --(SEQ ID NOS: 1-3)--.

At page 7, line 34, after "Fig. 1", insert --(SEQ ID NO: 1)--.

At page 13, lines 23-24, after "sequence", insert --(SEQ ID NO: 7)--.

At page 14, line 13, after "Fig. 4", insert --(SEQ ID NO: 4)--.

✓At page 15, lines 1, 13, and 16, after each occurrence of "Fig. 4", insert --(SEQ ID

```
At page 15, line 25, replace "agent" with --agents--.

At page 18, lines 30 and 33, after each occurrence of "Fig. 4", insert --(SEQ ID NO: 4)--.

At page 20, line 33, replace "agent" with --agents--.

At page 21, line 25, replace "Description of the figures" with
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--Detailed Description

The drawings are first briefly described.

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At page 21, line 26, after "Fig. 1", insert --(SEQ ID NO: 1)--.

At page 21, line 30, after "Fig. 2", insert --(SEQ ID NO: 2)--.

At page 21, line 35, after "Fig. 3", insert --(SEQ ID NO: 3)--.

At page 22, line 3, after "Fig. 4", insert --(SEQ ID NO: 4)--.

At page 23, lines 23, 27, and 37, after each occurrence of "Fig. 1", insert --(SEQ ID NO: 1)--.

At page 23, line 25, after "Figs. 1-3", insert --(SEQ ID NO: 2)--.

At page 23, line 29, after "Fig. 2", insert --(SEQ ID NO: 2)--.

At page 23, line 29, after "Fig. 3", insert --(SEQ ID NO: 3)--.

At page 25, line 8, after "Figs. 1-3", insert --(SEQ ID NOS: 1-3)--.
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